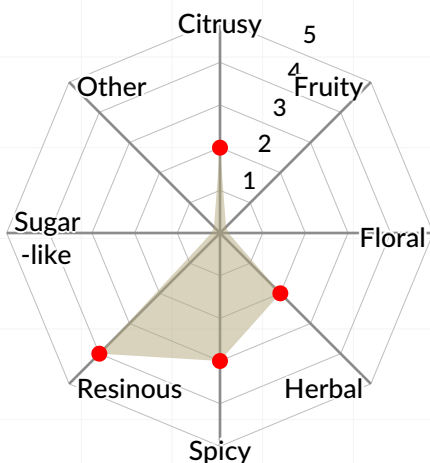


AROMA EVALUATION



AROMA SPECIFICATION

mild, grassy, mint, earthy

GENETIC ORIGIN

Seedling selected in 1875 in England.

AGRONOMIC ASPECTS

GROWING

Yield (kg/ha)	1,200 - 1,400
Yield (lbs/acre)	1,100 - 1,200
Maturity	Early
Main Growing Country	UK
Acreage (ha)	42

RESISTANCE AGAINST DISEASES

Wilt diseases	Susceptible
Downy mildew	Tolerant
Powdery mildew	Susceptible

CHEMICAL INGREDIENTS

BITTER COMPONENTS

Alpha-Acid %	3.0 - 6.0
Beta-Acid %	2.0 - 3.0
Co-Humulone % rel.	30 - 33
Hard Resins : Alpha-Acid	0.35 - 0.53

POLYPHENOLS

Total Polyphenoles	2.6
Xanthohumol (EBC 7.7)	0.1 - 0.3

AROMA COMPONENTS

Total Oils (ml/100g)	0.7 - 1.2
Beta-Caryophyllene: Humulene	0.30
Farnesene % of total Oil	5.00 - 6.00

VISUAL EVALUATION



HOP ALTERNATIVES

BREWHOUSE

Styrian Golding (Celeia), Willamette

DRY HOPPING

Progress, Sovereign

HOPS HOTLINE
800.339.8710